

I CLAIM:

1. A chain link remover comprising:

a base including an opening formed therein and defined by an anvil, said anvil including a vertical slot formed therein to receive a chain link pin of a chain, said base including a screw hole formed
5 therein and aligned with said vertical slot of said anvil,

a threaded shaft threaded with said screw hole of said base, and including a link ejector rod for engaging with and for removing the chain link pin from the chain, and

10 a support device provided in said opening of said base to support the chain in said opening of said base, and to retain the chain between said anvil and said threaded shaft.

2. The chain link remover for cycles as claimed in claim 1, wherein said support device includes two pawls to engage with and
15 to support the chain between said anvil and said threaded shaft.

3. The chain link remover for cycles as claimed in claim 2, wherein said support device includes a carrier to support said pawls thereon.

4. The chain link remover for cycles as claimed in claim 3, wherein said pawls are pivotally attached to said carrier with pivot
20 pins respectively.

5. The chain link remover for cycles as claimed in claim 4, wherein said carrier includes two hubs, and each of said pawls includes a hub pivotally attached to said hubs of said carrier with
25 said pivot pins respectively.

6. The chain link remover for cycles as claimed in claim 3, wherein said base includes a passage formed therein to slidably

receive said carrier.

7. The chain link remover for cycles as claimed in claim 3,
wherein said base includes a depression formed therein, and said
carrier includes a flap laterally extended therefrom and slidably
5 engaged in said depression of said base.

8. The chain link remover for cycles as claimed in claim 3
further comprising a spring engaged with said carrier, to bias said
carrier against said anvil.

9. The chain link remover for cycles as claimed in claim 8
10 further comprising a tube, said carrier including a bore formed
therein to slidably receive said tube, and to slidably attach said
carrier onto said tube, said spring being engaged on said tube.

10. The chain link remover for cycles as claimed in claim 9
further comprising a casing to receive said tube.

15 11. The chain link remover for cycles as claimed in claim 10,
wherein said casing includes two protuberances each having a hole
formed therein to receive said tube therein.

12. The chain link remover for cycles as claimed in claim 11,
wherein said casing includes two caps attached to said holes, to
20 retain said tube in said casing.

13. The chain link remover for cycles as claimed in claim 10,
wherein said casing includes a handle extended therefrom.

14. The chain link remover for cycles as claimed in claim 13,
wherein said casing includes at least one tool member attached to
25 said handle.

15. The chain link remover for cycles as claimed in claim 13
further comprising a tool device detachably attached to said handle.

16. The chain link remover for cycles as claimed in claim 15,
wherein said tool device includes at least one magnet for
magnetically attaching said tool device to said handle.

17. The chain link remover for cycles as claimed in claim 10,
5 wherein said casing includes a cover attached to bottom thereof.

18. The chain link remover for cycles as claimed in claim 9
further comprising at least one spare chain link pin received in said
tube.

19. The chain link remover for cycles as claimed in claim 3,
10 wherein said carrier includes a seat provided thereon and disposed
between said pawls.